

subsidy received by the utilities during the same period was Rs. 11,753 crores.

(c) The Central Public Sector Generating Companies have not suffered any loss during the last three years. The overall commercial losses of the utilities without subsidy during the year 2003-04, 2004-05 and 2005-06 were Rs. 19,722 crores, Rs. 21,328 crores and Rs. 16,563 crores respectively.

### **Power Surplus/Deficit Position**

657. SHRI RAHUL BAJAJ: Will the Minister of POWER be pleased to state:

(a) the State-wise current power surplus/deficit position and the extent of resulting power cuts in their urban and rural areas; and

(b) by when and how these deficits are proposed to be removed?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) The State-wise power supply position in terms of energy and peak for January, 2007 and the period April, 2006 to January, 2007 is enclosed at Statement-I (See below). The load shedding and power cuts are imposed by the respective States depending on demand for power and its availability. The details of notified power cuts/restrictions imposed by the States in their urban areas and industries and power supply to agricultural sector during the month of January, 2007 are given in Statement-II and -III (See below).

(b) National Electricity Policy envisages demand is to be fully met by the end of Eleventh Plan. To meet the demand projection of 16th Electric Power Survey (EPS) for Eleventh Plan end (2011-12), capacity addition of about 1,00,000 MW is required during Tenth and Eleventh Plan period. Out of this 23,250 MW is likely to be added by end of Tenth Plan and tentative capacity addition of about 76 460 MW is proposed during Eleventh Plan.

**Statement-I**

**The State-wise details of Power Supply alongwith surplus/deficit position**

**(i) Power Supply Position (Provisional)**

Figures in MU net

State System Region	January, 2007				April, 2006-January, 2007			
	2	3	4	5	6	7	8	9
	Requirement (MU)	Availability (MU)	Surplus/ (MU)	Deficit(-) (%)	Requirement (MU)	Availability (MU)	Surplus/ (MU)	Deficit(-) (%)
1	2	3	4	5	6	7	8	9
Chandigarh	95	95	0	0.0	1,154	1,152	-2	-0.2
Delhi	1,587	1,569	-18	-1.1	19,363	18,989	-374	-1.9
Haryana	2,202	1,924	-278	-12.6	22,756	20,064	-2,692	-11.8
Himachal Pradesh	432	412	-20	-4.6	4,176	4,079	-97	-2.3
Jammu & Kashmir	994	694	-300	-30.2	9,590	6,563	-3,027	-31.6
Punjab	2,645	2,445	-200	-7.6	33,913	30,287	-3,626	-10.7
Rajasthan	3,254	3,004	-250	-7.7	27,785	26,404	-1,381	-5.0
Uttar Pradesh	4,579	3,879	-700	-15.3	48,457	40,373	-8,084	-16.7
Uttaranchal	589	539	-50	-8.5	4,996	4,718	-278	-5.6
Northern Region	16,377	14,561	-1,816	-11.1	172,190	152,628	-19,562	-11.4
Chhattisgarh	1,263	1,158	-105	-8.3	11,507	10,807	-700	-6.1

1	2	3	4	5	6	7	8	9
Gujarat	5,891	4,863	-1,038	-17.6	51,520	44,740	-6,780	-13.2
Madhya Pradesh	4,408	3,418	-990	-22.5	31,808	27,219	-4,589	-14.4
Maharashtra	10,353	7,839	-2,514	-24.3	89,148	73,673	-15,475	-17.4
Daman & Diu	133	122	-11	-8.3	1,330	1,162	-168	-12.6
Dadra and Nagar Haveli	270	269	-1	-0.4	2,427	2,383	-44	-1.8
Goa	227	224	-3	-1.3	2,164	2,149	-15	-0.7
Western Region	22,545	17,883	-4,662	-20.7	189,904	162,133	-27,771	-14.6
Andhra Pradesh	5,417	4,858	-559	-10.3	49,584	47,659	-1,925	-3.9
Karnataka	3,897	3,789	-108	-2.8	33,034	32,450	-584	-1.8
Kerala	1,304	1,264	-40	-3.1	12,341	12,113	-228	-1.8
Tamil Nadu	5,144	5,015	-129	-2.5	50,724	49,940	-784	-1.5
Pondicherry	140	140	0	0.0	1,507	1,507	0	0.0
Lakshadweep	2	2	0	0	20	20	0	0
Southern Region	15,902	15,066	-836	-5.3	147,190	143,669	-3,521	-2.4
Bihar	775	706	-69	-8.9	6,994	6,421	-573	-8.2
DVC	983	950	-33	-3.4	9,602	9,405	-197	-2.1
Jharkhand	418	405	-13	-3.1	3,630	3,448	-182	-5.0
Orissa	1,522	1,475	-47	-3.1	14,174	13,917	-257	-1.8
West Bengal	2,149	2,065	-84	-3.9	22,362	21,889	-473	-2.1
Sikkim	24	23	-1	-4.2	180	176	-4	-2.2
Andaman-Nicobar	20	15	-5	-25	200	150	-50	-25.0

1	2	3	4	5	6	7	8	9
Eastern Region	5,871	5,624	-247	-4.2	56,942	55,256	-1,686	-3.0
Arunachal Pradesh	28	27	-1	-3.6	216	208	-8	-3.7
Assam	349	320	-29	-8.3	3,627	3,366	-261	-7.2
Manipur	32	30	-2	-6.3	395	377	-18	-4.6
Meghalaya	114	84	-30	-26.3	1,168	923	-245	-21.0
Mizoram	20	19	-1	-5.0	191	182	-9	-4.7
Nagaland	28	27	-1	-3.6	292	281	-11	-3.8
Tripura	58	52	-6	-10.3	697	633	-64	-9.2
North-Eastern Region	629	559	-70	-11.1	6,586	5,970	-616	-9.4
ALL INDIA	61,324	53,693	-7,631	-12.4	572,812	519,656	-53,156	-9.3

#Lakshadweep and Andaman & Nicobar Islands are stand alone systems, power supply position of these does not form part of regional requirement and availability.

Note: Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States. Net export has been accounted for in the consumption of importing States.

## (ii) Peak Demand and Peak Met (Provisional)

Figures in MW net

		January, 2007				April, 2006-January, 2007			
State System Region	Peak Demand (MW)	Peak Met (MW)	Surplus/Deficit(-) (MW)	Surplus/Deficit(-) (%)	Peak Demand (MW)	Peak Met (MW)	Surplus (MW)	Deficit(-) (MW)	Surplus/Deficit(-) (%)
1	2	3	4	5	6	7	8	9	
Chandigarh	192	192	0	0.0	264	247	-17	-6.4	
Delhi	3,332	3,289	-43	-1.3	4,000	3,736	-264	-6.6	
Haryana	3,974	3,208	-766	-19.3	4,837	4,201	-636	-13.1	
Himachal Pradesh	895	830	-65	-7.3	895	871	-24	-2.7	
Jammu & Kashmir	1,600	1,318	-282	-17.6	1,600	1,318	-282	-17.6	
Punjab	5,572	4,707	-865	-15.5	8,971	6,558	-2,413	-26.9	
Rajasthan	5,794	4,719	-1,075	-18.6	5,794	4,793	-1,001	-17.3	
Uttar Pradesh	8,000	7,145	-855	-10.7	9,184	7,531	-1,653	-18.0	
Uttaranchal	1,063	891	-172	-16.2	1,108	991	-117	-10.6	
Northern Region	29,344	25,062	-4,282	-14.6	31,516	26,644	-4,872	-15.5	
Chhattisgarh	2,257	1,783	-474	-21.0	2,257	1,817	-440	-19.5	
Gujarat	10,203	7,670	-2,533	-24.8	11,619	8,110	-3,509	-30.2	
Madhya Pradesh	6,919	5,753	-1,166	-16.9	8,090	6,404	-1,686	-20.8	
Maharashtra	17,130	12,141	-4,989	-29.1	17,130	12,557	-4,573	-26.7	
Daman & Diu	205	187	-18	-8.8	210	187	-23	-11.0	

1	2	3	4	5	6	7	8	9
Dadra and Nagar Haveli	386	370	-16	-4.1	415	370	-45	-10.8
Goa	413	373	-40	-9.7	433	400	-33	-7.6
Western Region	35,451	26,336	-9,115	-25.7	36,453	26,882	-9,571	-26.3
Andhra Pradesh	8,920	7,520	-1,400	-15.7	9,167	8,281	-886	-9.7
Karnataka	5,816	5,492	-324	-5.6	6,130	5,611	-519	-8.5
Kerala	2,713	2,648	-65	-2.4	2,713	2,648	-65	-2.4
Tamil Nadu	8,379	8,174	-205	-2.4	8,609	8,449	-160	-1.9
Pondicherry	221	221	0	0.0	265	265	0	0.0
Lakshadweep	6	6	0	0	6	6	0	0
Southern Region	24,344	22,800	-1,544	-6.3	25,165	23,520	-1,645	-6.5
Bihar	1,349	1,042	-307	-22.8	1,399	1,162	-237	-16.9
DVC	1,573	1,552	-21	-1.3	1,650	1,597	-53	-3.2
Jharkhand	651	633	-18	-2.8	687	671	-16	-2.3
Orissa	2,649	2,608	-41	-1.5	2,649	2,608	-41	-1.5
West Bengal	4,152	4,038	-114	-2.7	4,784	4,669	-115	-2.4
Sikkim	45	45	0	0.0	45	45	0	0.0
Andaman-Nicobar	40	32	-8	-20	40	32	-8	-20
Eastern Region	9,923	9,446	-477	-4.8	10,491	10,058	-433	-4.1
Arunachal Pradesh	79	73	-6	-7.6	79	76	-3	-3.8
Assam	737	591	-146	-19.8	771	688	-83	-10.8

1	2	3	4	5	6	7	8	9
Manipur	92	85	-7	-7.6	106	101	-5	-4.7
Meghalaya	402	269	-133	-33.1	402	269	-133	-33.1
Mizoram	81	74	-7	-8.6	81	74	-7	-8.6
Nagaland	68	67	-1	-1.5	79	79	0	0.0
Tripura	139	107	-32	-23.0	169	142	-27	-16.0
North-Eastern Region	1,176	1,054	-122	-10.4	1,407	1,166	-241	-17.1
ALL INDIA	100,238	84,698	-15,540	-15.5	100,403	86,425	-13,978	-13.9

#Lakshadweep and Andaman & Nicobar Islands are stand alone systems, power supply position of these does not form part of regional requirement and availability.

NOTE: Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States. Net export has been accounted for in the consumption of importing States.

**Statement-II**

***Notified Power Cuts/Restrictions on Industries during January, 2007***

State/Region	Energy cut	Demand cut
<b><i>Northern Region</i></b>		
Chandigarh	Nil	Nil
Delhi	Nil	Nil
Haryana	0.2 to 2.8 MU/day HT industries at different timing and different days.	200 MW cut on HT industries.
Himachal Pradesh	0.255 MU/day on HT/LT industries	85 MW cut from 17:30 hrs. to 20:30 hrs. daily on HT/LT industries.
Jammu & Kashmir		50% load off for 17 hrs. in Jammu area; 50% load off for 15 hrs. daily and in addition twice a week 28.7% Load off for 7 hrs. in Valley area.
Punjab	1.8 MU/day on HT/LT industries.	600 MW cut from 18:00 to 21:00 hrs. on HT/LT industries.
Rajasthan	1.2 MU/day on HT/LT industries at different timing and different days.	300 MW cut from 18 hrs. to 22 hrs. on different type of industries.
Uttar Pradesh	Nil	Nil
Uttaranchal	Nil	Nil
<b><i>Western Region</i></b>		
Chhattisgarh	Nil	Nil
Gujarat	All industries are required to keep their recess timings staggered.	All industries are required to stagger their weekly off days and cannot avail as per their choice.
Madhya Pradesh	Nil	Nil
Maharashtra	Staggered load shedding of one day	
Goa	Nil	Nil



State/Region	Energy cut	Demand cut
<i>Southern Region</i>		
Andhra Pradesh	Nil	Nil
Karnataka	Nil	Nil
Kerala	Nil	Nil
Tamil Nadu	Nil. However, all welding sets irrespective of connected load were not allowed to work between 6 p.m. and 8:30 p.m.	
<i>Eastern Region</i>		
Bihar	Nil	Nil
DVC	2.07 MU power cut on HT	Nil
Jharkhand	Nil	Nil
Orissa	Nil	Nil
West Bengal	0.83 MU to LT	Nil

NOTE:-Although some States have reported "No Notified Power Cuts", load shedding/restrictions are imposed on industries on day to day basis depending upon availability of power vis-a-vis requirement.

**Statement-III**

**Power Supply to Agricultural Sector during January, 2007**

State/Region	Average Hours of Supply
<i>Northern Region</i>	
Chandigarh	No restriction
Delhi	No restriction
Haryana	Three Phase/Single Phase Supply: 6 hrs./day
Himachal Pradesh	No restriction
Jammu & Kashmir	—
Punjab	Three Phase Supply: about 11 hrs./day
Rajasthan	Three Phase Supply: 11 hrs./day
Uttar Pradesh	14 hrs./day
Uttaranchal	24hrs./day
<i>Western Region</i>	
Chhattisgarh	Three Phase Supply: 21 hrs. 23 min./day

<b>State/Region</b>	<b>Average Hours of Supply</b>
Gujarat	Three Phase Supply: average 07 hrs. 50 min./day Single Phase Supply: average 14hrs./day.
Madhya Pradesh	Three Phase Supply: 8 hrs./day      Single Phase Supply: 03 hrs./day.
Maharashtra	Three Phase Supply: average 10 hrs./day Single Phase Supply: average 20 hrs./day.
Goa	No restriction
<i>Southern Region</i>	
Andhra Pradesh	Three Phase Supply: 7 hrs./day      Single Phase Supply: No supply
Karnataka	Three Phase/Single Phase Supply: 08 hrs. 30 mins/day.
Kerala	No restrictions
Tamil Nadu	Three Phase Supply: 14 hrs./day      Single Phase Supply: 10hrs./day.
Pondicherry	No restrictions.
<i>Eastern Region</i>	
Bihar	18 hrs.
Jharkhand	About 20 hrs.
Orissa	24 hrs. (It is being supplied by distribution company)
West Bengal	About 24 hrs.

### **Private investment in hydro power sector**

†658. SHRI DATTA MEGHE: Will the Minister of POWER be pleased to state:

(a) whether Government are considering the suggestion that in view of

†Original notice of the question was received in Hindi.